

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-19 (Canceled).

Claim 20 (New): A process for preparing a solid material for use as catalytic material in an epoxidation reaction, the solid material comprising at least one zeolite and being at least partially crystalline, wherein a step (I) of an at least partial crystallization of at least one solid material comprising at least one zeolite out of a synthesis mixture involves at least one partial step of contacting at least one transition metal oxide source with at least one epoxide or hydrolysate thereof prior to or , during the at least partial crystallization of said synthesis mixture into said solid material, and wherein the at least one epoxide is the product of said epoxidation reaction.

Claim 21 (New): The process according to claim 20, wherein step (I) comprises at least the following partial steps

(Ia) mixing at least one hydrolyzable silicon source with a mineralizing and/or structuring agent and water;

(Ib) mixing at least one transition metal oxide source with an epoxide or a hydrolysate thereof;

(Ic) mixing the mixtures from (Ia) and (Ib) so that at least a part of the hydrolyzable compounds hydrolyzes;

(Id) distilling at least part of the alcohol that has been formed as a result of the at least partial hydrolysis of at least part of the hydrolyzable compounds;

(Ie) adding water to the bottom of (Id);

(If) reacting the synthesis mixture resulting from (Ie) at a temperature elevated with respect to room temperature.

Claim 22 (New): The process according to claim 21, wherein the hydrolyzable silicon source comprises at least one silicon oxide, the mineralizing and/or structuring agent comprises at least one tetraalkylammonium hydroxide, and the transition metal oxide source comprises at least one titanate.

Claim 23 (New): The process according to claim 22, wherein the hydrolyzable silicon source comprises at least tetraethoxy silicate, the mineralizing and/or structuring agent comprises at least tetrapropylammonium hydroxide, the transition metal oxide source comprises at least tetrabutylorthotitanate and the epoxide or the hydrolysate thereof comprises at least propylene oxide or propylene glycol.

Claim 24 (New): The process according to claim 20, wherein the at least one zeolite belongs to at least one of the following structure classes: MFI, MEL, MWW, BEA or any mixed structure thereof.

Claim 25 (New): The process according to claim 21, wherein the at least one zeolite belongs to at least one of the following structure classes: MFI, MEL, MWW, BEA or any mixed structure thereof.

Claim 26 (New): The process according to claim 20, step (1) of the at least partial crystallization resulting in a mixture (I) comprising at least said solid material and a mother liquor, said process further comprising the step

(II) separating and/or concentrating the solid material in mixture (I).

Claim 27 (New): The process according to claim 21, step (I) of the at least partial crystallization resulting in a mixture (I) comprising at least said solid material and a mother liquor, said process further comprising the step

(II) separating and/or concentrating the solid material in mixture (I).

Claim 28 (New): The process according to claim 26, wherein, after step (II), at least one of the following two additional steps is performed:

(W) bringing the solid material from step (II) in contact with a composition containing water;

(III) agglomerating or granulating or agglomerating and granulating the solid material from step (W) or from step (II).

Claim 29 (New): The process according to claim 27, wherein, after step (II), at least one of the following two additional steps is performed:

(W) bringing the solid material from step (II) in contact with a composition containing water;

(III) agglomerating or granulating or agglomerating and granulating the solid material from step (W) or from step (II).

Claim 30 (New): The process according to claim 28, wherein, after step (W), the solid material is separated from at least part of the composition containing water.

Claim 31 (New): The process according to claim 26, optionally comprising the step

(III) agglomerating, or granulating, or agglomerating and granulating the solid material from step (II);

said process further comprising the step

(S) shaping the solid material from step (II) or (III) obtaining a shaped body.

Claim 32 (New): The process according to claim 12, wherein the following step (W) is performed after step (II), or after step (S), or after step (II) and after step (S)

(W) bringing the solid material from step (II) or the shaped body from step (S) in contact with a composition containing water.

Claim 33 (New): The process according to claim 31, wherein step (S) is selected from the group consisting of pelletizing, pressing, extruding, sintering, roasting, and briquetting.

Claim 34 (New): Process according to claim 32, wherein step (S) is selected from the group consisting of pelletizing, pressing, extruding, sintering, roasting, and briquetting.

Claim 35 (New): Process according to claim 33, wherein before, or during, or before and during the step (S), a binding material is added to said solid material.

Claim 36 (New): Process according to claim 26, wherein after at least one of the steps (II), (W), (III) or (S), a step (C) of calcining the solid material, or the shaped body, or the solid material or the shaped body is performed.

Claim 37 (New): Process according to claim 36, wherein step (C) is performed at temperatures higher than 400°C.

Claim 38 (New): Process according to claim 26, wherein the process is an integrated process.

Claim 39 (New): A solid material comprising at least one zeolite for use as catalytic material in an epoxidation reaction, the solid material being obtainable by a process of treating a synthesis mixture, wherein a step (I) of an at least partial crystallization of at least one solid material comprising at least one zeolite out of a synthesis mixture involves at least one partial step of contacting at least one transition metal oxide source with at least one epoxide or hydrolysate thereof prior to or during the at least partial crystallization of said synthesis mixture into said solid material, and wherein the at least one epoxide is the product of said epoxidation reaction, said step (I) comprising at least the following partial steps

(Ia) mixing at least one hydrolyzable silicon source with a mineralizing and/or structuring agent and water;

(Ib) mixing at least one transition metal oxide source with an epoxide or a hydrolysate thereof;

(Ic) mixing the mixtures from (Ia) and (Ib) so that at least a part of the hydrolyzable compounds hydrolyzes;

(Id) distilling at least part of the alcohol that has been formed as a result of the at least partial hydrolysis of at least part of the hydrolyzable compounds;

(Ie) adding water to the bottom of (Id);

(If) reacting the synthesis mixture resulting from (Ie) at a temperature elevated with respect to room temperature.

Claim 40 (New): The solid material according to claim 39, wherein the solid material contains Ti.

Claim 41 (New): The solid material according to claim 39, wherein the solid material is shaped into a shaped body.

Claim 42 (New): A process for preparing a solid material for use as catalytic material in an epoxidation reaction, the solid material comprising at least one zeolite and being at least partially crystalline, wherein a step (I) of an at least partial crystallization of at least one solid material comprising at least one zeolite out of a synthesis mixture involves at least one partial step of contacting at least one transition metal oxide source with at least one epoxide or hydrolysate thereof prior to or during the at least partial crystallization of said synthesis mixture into said solid material, and wherein the at least one epoxide is the product of said epoxidation reaction, wherein

step (I) comprises at least the following partial steps

(Ia) mixing at least one hydrolyzable silicon source with a mineralizing and/or structuring agent and water;

(Ib) mixing at least one transition metal oxide source with an epoxide or a hydrolysate thereof;

(Ic) mixing the mixtures from (Ia) and (Ib) so that at least a part of the hydrolyzable compounds hydrolyzes;

(Id) distilling at least part of the alcohol that has been formed as a result of the at least partial hydrolysis of at least part of the hydrolyzable compounds;

(Ie) adding water to the bottom of (Id);

(If) reacting the synthesis mixture resulting from (Ie) at a temperature elevated with respect to room temperature;

wherein step (I) of the at least partial crystallization resulting in a mixture (I) comprising at least said solid material and a mother liquor, said process further comprising the step

(II) separating and/or concentrating the solid material in mixture (I); optionally comprising the step

(III) agglomerating, or granulating, or agglomerating and granulating the solid material from step (II);

said process further comprising the step

(S) shaping the solid material from step (II) or (III) obtaining a shaped body.

Claim 43 (New): A process for preparing a solid material for use as catalytic material in an epoxidation reaction, the solid material comprising at least one zeolite and being at least partially crystalline, wherein a step (1) of an at least partial crystallization of at least one solid material comprising at least one zeolite out of a synthesis mixture involves at least one partial step of contacting at least one transition metal oxide source with at least one epoxide or hydrolysate thereof prior to or during the at least partial crystallization of said synthesis mixture into said solid material, and wherein the at least one epoxide is the product of said epoxidation reaction, wherein

step (I) comprises at least the following partial steps

(Ia) mixing at least one hydrolyzable silicon source with a mineralizing and/or structuring agent and water;

(Ib) mixing at least one transition metal oxide source with an epoxide or a hydrolysate thereof;

(Ic) mixing the mixtures from (Ia) and (Ib) so that at least a part of the hydrolyzable compounds hydrolyzes;

(Id) distilling at least part of the alcohol that has been formed as a result of the at least partial hydrolysis of at least part of the hydrolyzable compounds;

(Ie) adding water to the bottom of (Id);

(If) reacting the synthesis mixture resulting from (Ie) at a temperature elevated with respect to room temperature;

wherein step (1) of the at least partial crystallization resulting in a mixture (I) comprising at least said solid material and a mother liquor, said process further comprising the step

(II) separating and/or concentrating the solid material in mixture (I); optionally comprising the step

(III) agglomerating, or granulating, or agglomerating and granulating the solid material from step (II);

said process further comprising the step

(S) shaping the solid material from step (II) or (III) obtaining a shaped body; and wherein

the following step (W) is performed after step (II), or after step (S), or after step (II) and after step (S)

(W) bringing the solid material from step (II) or the shaped body from step (S) in contact with a composition containing water.